Microsoft Flight Simulator

Getting Airborne

To start Flight Simulator:

Type **fs4**

When you start Flight Simulator the first time:

- Install Flight Simulator on your hard disk, or run it from the floppy disks.
- To start Flight Simulator, type **fs** and then press Enter.
- If you have any questions on setting up Flight Simulator, see "Welcome" in the Flight Simulator Information Manual and Flight Handbook.

To take off:

Apply full throttle by pressing F2 if your function keys are on the left, or F4 if your function keys are on the top.

To change your view:

Press S to change your view from looking out the window to viewing your airplane from three perspectives.

To exit Flight Simulator:
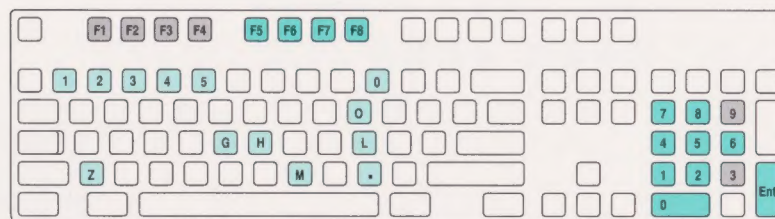
Press Ctrl+C

To maneuver:

Bank left   Stop bank   Bank right

Climb   Dive

Flying Controls

Top Function Keys

▷ **Throttle**

Cut F1
Less F2
More F3
Full F4

▷ **Flaps**

Up F5
1 .... F6
3 .... F7
Down F8

Left Function Keys

▷ **Flaps**

Up F1
1 .... F3
2 .... F5
3 .... F7
Down F9

▷ **Throttle**

Full F2
2 steps more F4
1 step more F6
1 step less F8
Cut F10

▷ **Aircraft Controls**

Autopilot .... Z
Brakes .... (period)
Landing gear .. G
Lights L
Strobes .... O

▷ **Engine Controls**

Carb heat .... H
Magnetos .... M, then
0 to 5

▷ **Throttle**

More 9
Less 3

▷ **Elevators**

Nose up 2
Nose down 8
Trim up 1
Trim down 7

▷ **Ailerons**

Left 4
Right 6
Center 5

▷ **Rudder**

Left 0
Right .... bottom-right key
Center 5

Quick Reference Card

Simulator Controls

▷ **Mode**

Pause	P
Reset flight	Print Scrn
Save flight	;
View	S

▷ **Other Simulator Controls**

Stop recording/analyzing ....\ *	
Menu bar on/off	Esc
Sound	Q
Remove all menus	Spacebar

▷ **Select Window**

Map window	Num Lock
3-D window 1	[
3-D window 2	]
Turn off window	Window's select key twice

▷ **Use Windows**

Make topmost	Window's select key, '
Pan down	Shift+Enter
Pan up	Shift+Backspace
Zoom in	Window's select key, +
Zoom out	Window's select key, −
Fine zoom...........................	Shift+ + (in) or − (out)
Restore 1x zoom	Backspace
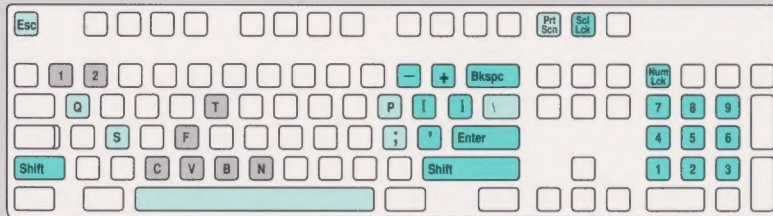
▷ **Radio Frequency Setting**

Increase	Select radio, +
Decrease	Select radio, −

▷ **Radio Selection**

ADF ..... N2 or NN (fractional)	
COM .... C or CC (fractional)	

▷ **Radio Selection (continued)**

DME	B—toggle NAV 1/2
....	F—speed to station
NAV	N1 or N2
Transponder ..	T, TT, TTT, or TTTT
VOR/OBI	V1 or V2

▷ **View**

View direction	Scroll Lock**, 1 to 9 on keypad

* Home on Tandy 1000 keyboard.   ** Break on Tandy 1000 keyboard.

Part No. 07303

Slewing Controls

Top Function Keys

▷ **Altitude**

Down quick	F1
Down slow	A
Freeze	F2 or F3
Up slow	Q
Up quick	F4

▷ **Pitch**

Nose up quick	F5
Nose up slow	9
Freeze	F6 or F7
Nose down slow	0
Nose down quick	F8

Left Function Keys

▷ **Altitude**

Up quick	F2
Up slow	F4
Freeze	F6
Down slow	F8
Down quick	F10
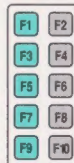
▷ **Pitch**

Nose down quick	F1
Nose down slow	F3
Freeze	F5
Nose up slow	F7
Nose up quick	F9
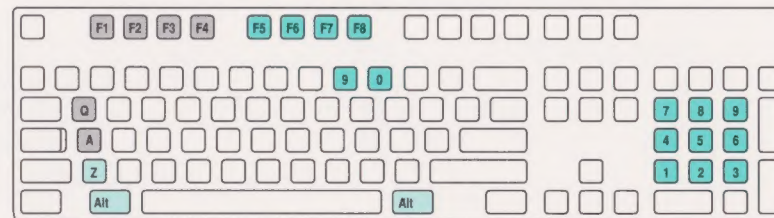
▷ **Other Slewing Controls**

Turn digits on/off	Z
Set angle to ahead, north heading, level	Alt

▷ **Bank**

Left	7
Right	9
Freeze	5

▷ **Heading**

Left slew	1
Right slew	3
Freeze	5

▷ **Direction**

Forward	8
Backward	2
Left	4
Right	6
Freeze	5

Quick Reference Card